

CLAIMS

1. A process for operating a water-bearing domestic appliance with an optical sensor system for monitoring the treatment fluid, which is alternatively idle and in motion during a program sequence, characterised in that the parameter values of the treatment fluid measured by the sensor system (1 to 4) are monitored for abnormal deviations.
2. The process as claimed in Claim 1, characterised in that the chronological sequence of successively measured parameter values is recorded and compared to a sequence typical of proper operation.
3. The process as claimed in Claim 1, characterised in that a differential value is detected from at least a first measured value during an idle phase and at least a second measured value in a motion phase of the program sequence and said differential value is examined for deviations from comparative values.
4. The process as claimed in Claim 3, characterised in that the comparative value is a preset set value.
5. The process as claimed in any one of Claims 1 to 4, characterised in that when the chronological sequence deviates from the typical sequence or when the differential value deviates from the comparative value a warning signal is output and/or the program of the domestic appliance is discontinued.

6. The process as claimed in any one of Claims 3 to 5, characterised in that in the program-compliant idle phase and in the program-compliant motion phase of the treatment fluid several measured values are recorded and in each case an average value is calculated therefrom and these average values are employed for differential value formation.
7. The process as claimed in Claim 1, characterised in that in the program-compliant idle phase and in the program-compliant motion phase of the treatment fluid several measured values are recorded and the chronological sequence for both phases is determined therefrom.
8. A domestic appliance for carrying out a process as claimed in any one of the preceding claims, characterised in that the process is a component of a washing machine.
9. The domestic appliance for carrying out a process as claimed in any one of Claims 1 to 7, characterised in that the process is a component of a dishwashing machine.